



JAMES A. NOYES, Director

# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

*"To Enrich Lives Through Effective and Caring Service"*

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IN REPLY PLEASE

REFER TO FILE: **C-1**

March 23, 2004

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, CA 90012

Dear Supervisors:

### **CHANGES IN WORK FOR PUBLIC WORKS CONTRACTS SUPERVISORIAL DISTRICTS 2, 4, AND 5 3 VOTES**

#### **IT IS RECOMMENDED THAT YOUR BOARD:**

Find that the requested changes in work have no significant effect on the environment and approve the changes for the following construction contracts:

Project ID No. GME0000004 - Retrofit/Replacement of Underground Storage Tanks and Fuel Facilities, Group 4, vicinities of Azusa, Monrovia, Los Angeles, El Segundo, Long Beach, La Crescenta, La Verne, Hawthorne, Castaic, Llano, Diamond Bar, and La Mirada (2, 4, and 5), Fleming Environmental, Inc., in amount of \$25,376.93.

Project ID No. RDC0011539 - Dominguez Channel Bike Trail, vicinities of Gardena and Carson (2), E. A. Mendoza, Inc., in amount of \$23,725.00.

Project ID No. RDC0014106 - Live Oak Avenue, et al., vicinities of Arcadia and Covina (5), Terra-Cal Construction, Inc., in amount of \$5,227.00.

Project ID No. RMD1567071 - Colman Street, et al., vicinities of Altadena and Pasadena (5), Sully-Miller Contracting Company, in amount of \$62,260.75.

Project ID No. SMDACO0078 - Kalmia Street, et al., Sanitary Sewers, vicinity of Walnut Park (2), Mladen Grbavac Construction Company, in amount of \$103,240.00.

### **PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

This action is to obtain Board approval for changes in public works contracts in support of the timely completion of the projects while avoiding delays and the potential for claims. The descriptions of the changes, estimated costs, and necessary time extensions are listed in the enclosure for each contract.

The Director of Public Works has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Enclosed for your ratification are changes in work which I ordered for Project ID No. RDC0014106.

Also enclosed for your authorization are changes in work in excess of my delegated limits which are required to complete Project ID Nos. GME0000004, RDC0011539, RMD1567071, and SMDACO0078.

### **Implementation of Strategic Plan Goals**

Approval of these changes in work, which are necessary to satisfactorily complete the projects, is consistent with the County Strategic Plan Goal of Service Excellence since the improved infrastructure will better serve the public.

### **FISCAL IMPACT/FINANCING**

The estimated change order amounts for these contracts range from \$5,227.00 to \$103,240.00.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

Sufficient funds are available in the Board-approved appropriations for each of the respective projects to cover the costs of the requested changes. Detailed cost breakdowns for each of the changes, together with contract cost summaries, are included in the enclosures.

### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

Each of the subject contracts for the construction of public works improvements was awarded by your Board to the lowest responsible bidder in accordance with the California Public Contract Code, your Board's directives, and as recommended by the Director of Public Works.

### **ENVIRONMENTAL DOCUMENTATION**

The changes in work as described above and in the enclosures are within the limits of the Board-approved projects and do not change any conditions which resulted in the original environmental findings.

### **CONTRACTING PROCESS**

Each contract provides that the contractor be compensated for changes in the work as a result of changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs of each of the changes are based on contract unit prices, time and materials methods, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the enclosures.

### **IMPACT ON CURRENT SERVICES (OR PROJECTS)**

Approval of the requested changes by your Board will ensure the timely completion of work under each of the respective contracts and result in complete and usable facilities.

The Honorable Board of Supervisors  
March 23, 2004  
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**CONCLUSION**

Please return one approved copy of this letter to Public Works.

Respectfully submitted,

JAMES A. NOYES  
Director of Public Works

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Enc.

cc: Chief Administrative Office  
County Counsel  
Office of Affirmative Action Compliance

CHANGE IN WORK (AUTHORIZE)  
March 23, 2004

PROJECT ID NO. GME0000004, RETROFIT/REPLACEMENT OF UNDERGROUND STORAGE TANKS AND FUEL FACILITIES, GROUP 4 (in the vicinities of Azusa, Monrovia, Los Angeles, El Segundo, Long Beach, La Crescenta, La Verne, Hawthorne, Castaic, Llano, Diamond Bar, and La Mirada), Supervisorial Districts 2, 4, and 5  
Contractor: Fleming Environmental, Inc.

Project Description:

Retrofit/replacement of underground storage tanks and fuel facilities.

Changes in Work:

(1) Dewater Excavation and Tank Anchorage	\$ 7,500.00
(2) Dispose of Contaminated Soil	8,423.35
(3) Remove Tank	9,851.00
(4) Convert to Gas Fittings	1,233.00
(5) Delete Fuel Management System	(8,220.42)
(6) Dispose of Excess Fuel	3,599.00
(7) Slurry Backfill Cesspool	1,137.00
(8) Lower Conduits	654.00
(9) Fuel Management System Startup	<u>1,200.00</u>
Total	<u>\$25,376.93</u>

Description of Changes:

(1) While removing the existing tank at La Mirada Pumping Station, groundwater was encountered. In order to properly place the new tank, it will be necessary to pump out the groundwater. The amount shown reflects the cost to dewater the excavation, as well as delays to the contractor.

(2) During excavation at two of the sites, contaminated soil was encountered. It will be necessary to compensate the contractor for the cost to dispose of the contaminated soil.

(3) The original contract called for the underground methanol tank at Central Yard to be abandoned. The City of Los Angeles Fire Department would not issue a permit to abandon the tank. To comply with the City's requirement, it will be necessary to remove the tank.

(4) The generator at the San Gabriel Dam is gasoline powered. The contract drawings call for the generator's fuel tank to be replaced with a diesel tank and fittings. It will be necessary to install a gasoline tank and fittings in lieu of the diesel equipment that is shown on the plans. The amount shown reflects the difference in cost between the two systems.

(5) The fuel management systems for the Cogswell Dam and San Gabriel Dam fueling stations are not required and may be deleted from the contract, resulting in a credit to the contract in the amount shown.

(6) The contract specifications require the contractor to remove and dispose of a specified amount of residual fuel from each tank. In several cases, the amount of fuel present exceeded the specified amount. It will be necessary to compensate the contractor for the cost of removing the excess fuel.

(7) During excavation at the East Los Angeles site, an old cesspool was discovered in the work area. It will be necessary to slurry backfill the cesspool.

(8) During excavation for new electrical conduits at the East Los Angeles site, the contractor encountered existing conduits that were not shown on the plans. In order to avoid the existing conduits, it will be necessary to lower the new electrical conduits.

(9) The contract drawings call for the existing fuel management system at the East Los Angeles site to be reinstalled. In order to properly reinstall the system, it will be necessary to obtain technical support from a manufacturer's representative. Also, additional materials will be necessary to accommodate two dispenser pumps.

The costs for Items 1, 8, 9, and a portion of the cost of Item 2 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications. The costs for Items 3 through 7 and the balance of the cost of Item 2 were negotiated as provided in Subsection 3-2 of the contract specifications.

Nine additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$888,575.00
Changes in work to be authorized	<u>25,376.93</u>
Revised contract amount	<u>\$913,951.93</u>

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CHANGE IN WORK (AUTHORIZE)  
March 23, 2004

PROJECT ID NO. RDC0011539, DOMINGUEZ CHANNEL BIKE TRAIL (in the vicinities of Gardena and Carson), Supervisorial District 2, Contractor: E. A. Mendoza, Inc.

Project Description:

Construction of a bike trail; construction of curb, reinforced concrete block wall, concrete outlet and drainage structures, and slope work; removal and installation of chainlink fence and flap gates; and installation of walk gates, drive gates, and handrail.

Change in Work:

Additional 4" Thick Concrete Pavement	\$23,725.00
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Description of Change:

In order to stabilize the slopes adjacent to the bike path, it will be necessary to pave the areas beneath the bridges, between the retaining wall and the bridge abutment, with 4" thick concrete pavement. This work is not shown on the plans. The cost for this work was negotiated as provided in Subsection 3-2 of the contract specifications.

Five additional working days will be required because of this change.

Revised Contract Amount:

Original contract amount	\$1,410,052.00
Change in work to be authorized	<u>23,725.00</u>
Revised contract amount	<u>\$1,433,777.00</u>

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CHANGE IN WORK (RATIFY)  
March 23, 2004

PROJECT ID NO. RDC0014106, LIVE OAK AVENUE, ET AL. (in the vicinities of Arcadia and Covina), Supervisorial District 5, Contractor: Terra-Cal Construction, Inc.

Project Description:

Planting of trees, shrubs, and ground cover; construction of colored and stamped concrete; and installation of an automatic irrigation control system.

Changes in Work:

(1) Variations in Bid Quantities	\$1,127.00
(2) Additional Forming, Grading, and Topsoil	<u>4,100.00</u>
Total	<u>\$5,227.00</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) In order to meet Americans with Disabilities Act standards which require a minimum slope of two percent, it was necessary to revise the Live Oak Avenue median grade. This required additional forming, top soil, and grading. This work is not shown on the plans.

The costs for Item 1 were based on contract unit prices. The cost for Item 2 was negotiated as provided in Subsection 3-2 of the contract specifications.

Eleven additional working days were required because of these changes.



Revised Contract Amount:

Original contract amount	\$279,613.90
Changes in work previously approved by your Board	45,000.00
Changes in work to be ratified	<u>5,227.00</u>
Revised contract amount	<u>\$329,840.90</u>

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CHANGE IN WORK (AUTHORIZE)  
March 23, 2004

PROJECT ID NO. RMD1567071, COLMAN STREET, ET AL. (in the vicinities of Altadena and Pasadena), Supervisorial District 5,  
Contractor: Sully-Miller Contracting Company

Project Description:

Resurfacing and slurry sealing of roadway pavement; reconstruction of curb, gutter, sidewalk, and driveways; construction of bus pads; removal, root pruning, and planting of parkway trees; and modification of traffic signals.

Changes in Work:

(1) Variations in Bid Quantities	\$63,625.00
(2) Monument Adjustments	5,200.00
(3) Adjust Water Valves to Grade	6,000.00
(4) Changes in Schedule and Project Limits	(12,564.25)
Total	<u>\$62,260.75</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) It will be necessary to adjust several existing survey monuments to match the new street surface. This work was not shown on the plans.

(3) It will be necessary to compensate the contractor for raising several water valves to match the new street surface. This work was not shown on the plans.

(4) Several streets included in the original contract will be deleted and others which are in greater need of repair will be added. The contractor will be compensated for impacts to his original schedule. The overall amount of work deleted is greater than the work added, resulting in a credit to the contract.

The costs for Items 1 and 3 will be based on time and materials methods as provided in Subsection 3-3 of the contract specifications. The costs for Item 2 and a portion of the cost for Item 4 will be based on contract unit prices. The balance of the cost for Item 4 will be negotiated as provided in Subsection 3-2 of the contract specifications.

Ten additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$1,487,777.00
Changes in work to be authorized	<u>62,260.75</u>
Revised contract amount	<u>\$1,550,037.75</u>

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CHANGE IN WORK (AUTHORIZE)  
March 23, 2004

PROJECT ID NO. SMDACO0078, KALMIA STREET, ET AL., SANITARY SEWERS,  
(in the vicinity of Walnut Park), Supervisorial District 2  
Contractor: Mladen Grbavac Construction Company

Changes in Work:

Construction of vitrified clay pipe mainline sewers, sewage bypass and pumping, and other appurtenant work.

Changes in Work:

(1) Removal of Concrete Encased Sewer Pipe	\$ 64,400.00
(2) Interference with Existing Utilities	7,800.00
(3) Lateral House Connections	17,440.00
(4) Relocation of New Manhole	<u>13,600.00</u>
Total	<u>\$103,240.00</u>

Description of Changes:

(1) On 89th Street and several other streets, the existing sewer and the house lateral connections are encased in concrete. This concrete encasement is not shown on the plans and must be removed before the new sewer can be installed. It will be necessary to compensate the contractor for this extra work.

(2) Your Board has previously approved a change in work to compensate the contractor for delays and extra work due to numerous interfering utilities that were encountered throughout the job site. The cost for this work will exceed the original estimate by the amount shown.

(3) The plans for this project called for reconnecting all the house laterals to the new sewer line. Several house laterals were not shown on the plans. It will be necessary to compensate the contractor for reconnecting these house laterals to the new sewer line.

(4) It will be necessary to move the location of a new manhole to avoid interfering utilities not shown on the plans. It will be necessary to compensate the contractor for this extra work.

Portions of the costs for Items 1 and 3 and the costs for Items 2 and 4 will be based on time and materials method as provided in Subsection 3-3 of the contract specifications. The balance of the cost for Item 1 was negotiated as provided in Subsection 3-2 of the contract specifications. The balance of the cost for Item 3 will be based on contract unit prices.

Twenty-two additional working days will be required because of these changes.

Revised Contract Amount:

Original contract amount	\$ 816,120.00
Changes in work previously approved by the Board	252,700.00
Changes in work to be authorized	<u>103,240.00</u>
Revised contract amount	<u>\$1,172,060.00</u>

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